



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/715,909        |
| Filing Date            | 11/18/2003        |
| First Named Inventor   | Karen Lee Metzger |
| Art Unit               | 2872              |
| Examiner Name          |                   |
| Attorney Docket Number | 02111             |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | 1                     | US- 1,220,069                            | 03-20-1917                     | F. Capdevila                                       |   |
|                    | 2                     | US- 2,017,472                            | 10-15-1935                     | A. J. Re   |   |
|                    | 3                     | US- 4,161,955                            | 07-24-1979                     | Webb   |   |
|                    | 4                     | US- 4,339,104                            | 07-13-1982                     | Weidman  |   |
|                    | 5                     | US- 5,012,852                            | 05-07-1991                     | Blackhurst   |   |
|                    | 6                     | US- 5,539,461                            | 10-25-1994                     | Rice et al.  |   |
|                    | 7                     | US- 5,604,633                            | 02-18-1997                     | Christianson                                       |   |
|                    | 8                     | US- 6,382,802 B1                         | 05-07-2002                     | Goodman  |   |
|                    | 9                     | US- D160,995                             | 11-28-1950                     | M. F. Busa   |   |
|                    | 10                    | US- D316,635                             | 05-07-1991                     | Smith  |   |
|                    | 11                    | US- D416,691                             | 11-23-1999                     | Logan, Jr.   |   |
|                    | 12                    | US- D438,389 S                           | 03-06-2001                     | Ross et al.  |   |
|                    | 13                    | US- D444,634 S                           | 07-10-2001                     | Dodson   |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       |   |                                |  |   |                |
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|                    |                       |   |                                |  |   |                |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/715 909        |
| Filing Date          | 11/18/2003        |
| First Named Inventor | Karen Lee Metzger |
| Examiner Name        |                   |
| Art Unit             |                   |
| Attorney Docket No.  | 02-111            |

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

501517

Bohan, Mathers &amp; Associates

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 750      | 2001         | 375      | Utility filing fee     |          |
| 1002         | 330      | 2002         | 165      | Design filing fee      |          |
| 1003         | 520      | 2003         | 260      | Plant filing fee       |          |
| 1004         | 750      | 2004         | 375      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | -20** =      | X              |          |
| Independent Claims | -3** =       | X              |          |
| Multiple Dependent |              |                |          |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                          |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                      |
| 1204         | 84       | 2204         | 42       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|----------|----------|----------|----------|--|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |
| 1053     | 130      | 1053     | 130      | Non-English specification  |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |
| 1252     | 410      | 2252     | 205      | Extension for reply within second month                                    |
| 1253     | 930      | 2253     | 465      | Extension for reply within third month                                     |
| 1254     | 1,450    | 2254     | 725      | Extension for reply within fourth month                                    |
| 1255     | 1,970    | 2255     | 985      | Extension for reply within fifth month                                     |
| 1401     | 320      | 2401     | 160      | Notice of Appeal   |
| 1402     | 320      | 2402     | 160      | Filing a brief in support of an appeal                                     |
| 1403     | 280      | 2403     | 140      | Request for oral hearing   |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |
| 1453     | 1,300    | 2453     | 650      | Petition to revive - unintentional   |
| 1501     | 1,300    | 2501     | 650      | Utility issue fee (or reissue)   |
| 1502     | 470      | 2502     | 235      | Design issue fee   |
| 1503     | 630      | 2503     | 315      | Plant issue fee  |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |
| 1809     | 750      | 2809     | 375      | Filing a submission after final rejection (37 CFR 1.129(a))                |
| 1810     | 750      | 2810     | 375      | For each additional invention to be examined (37 CFR 1.129(b))             |
| 1801     | 750      | 2801     | 375      | Request for Continued Examination (RCE)                                    |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

180.00

**SUBMITTED BY**

(Complete if applicable)

|                   |                            |                                   |                |           |              |
|-------------------|----------------------------|-----------------------------------|----------------|-----------|--------------|
| Name (Print/Type) | Patricia M. Mathers        | Registration No. (Attorney/Agent) | 44,906         | Telephone | 207-773-3132 |
| Signature         | <i>Patricia M. Mathers</i> | Date                              | April 16, 2004 |           |              |

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